

WHAT IS CLAIMED IS:

1. An apparatus for fixing a reflection mirror of a laser scanning unit, comprising:
 - a reflection mirror;
 - a frame receiving and supporting the reflection mirror;
 - at least one fixing piece disposed in the frame and each having a connection surface which is slanted at a predetermined angle so as to be in tight contact with a reflection surface of the reflection mirror;
 - at least one support block supporting a portion of a reverse surface of the reflection mirror; and
 - at least one clamp for clamping the at least one fixing piece and the reflection mirror together in order to tightly contact the reflection mirror and the connection surface of the at least one fixing piece.
2. The fixing apparatus of claim 1, wherein the at least one support block is shaped in a triangle having a predetermined slant surface for contacting said portion of the reverse surface of the reflection mirror.
3. The fixing apparatus of claim 2, wherein the frame has a bottom surface with which the at least one support block is integrally formed.
4. The fixing apparatus of claim 3, wherein the at least one fixing piece is integrally formed with the bottom surface of the frame.

5. The fixing apparatus of claim 1, wherein the at least one support block has a slanted surface angled to maintain tight contact between the connection surface of the fixing piece and the reflection surface of the mirror.

6. An apparatus for fixing a reflection mirror of a laser scanning unit, comprising:

a reflection mirror;

a frame receiving and supporting the reflection mirror;

at least one fixing piece disposed in the frame and having a connection surface which is slanted at a predetermined angle so as to be in tight contact with a reflection surface of the reflection mirror; and

at least one support block supporting a portion of a reverse surface of the reflection mirror.

7. The fixing apparatus of claim 6, wherein the at least one support block is shaped in a triangle having a predetermined slant surface for contacting said portion of the reverse surface of the reflection mirror.

8. The fixing apparatus of claim 7, wherein the frame has a bottom surface with which the at least one support block is integrally formed.

9. The fixing apparatus of claim 8, wherein the at least one fixing piece is integrally formed with the bottom surface of the frame.

10. The fixing apparatus of claim 6, wherein the at least one support block has a slanted surface angled to maintain tight contact between the connection surface of the fixing piece and the reflection surface of the mirror.

11. The fixing apparatus of claim 6, further comprises at least one clamp for clamping the at least one fixing piece and the reflection mirror together in order to tightly contact the reflection mirror and the connection surface of the at least one fixing piece.